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HOFFMAN, WASSON &amp; GITLER, PC

(703) 415-0100

Docket No.

A-7767

Inventor/Applicant

Yariv Avital et al.

Serial/Patent No.

10/050,968

Filing/Issue Date

January 22, 2003

Title

Reduced Complexity Correlator for the  
In A Code Decision Multiple Access System

The U.S. Patent and Trademark Office acknowledges receipt of:

## PATENTS

- ☒ Transmittal Letter (2 pgs)
- ☐ Patent Application
- ☐ Specification ( pgs), Claims ( pgs) & Abstract ( pgs)
- ☐ Drawings - sheets ( formal/informal)
- ☐ Declaration/Power of Attorney ( signed/unsigned) ( pgs)
- ☐ Certificate Under Section 3.73(b) ( pgs)
- ☐ Preliminary Amendment ( pgs)
- ☐ Assignment w/ Transmittal ( pgs)
- ☐ Priority Document(s) ( certified/uncertified)
- ☒ IDS/PTO Form 1449 ( pgs) w/ References (5 Documents)
- ☐ Issue Fee w/ Transmittal
- ☐ Maintenance Fee w/ Transmittal ( w/ Surcharge/ w/o Surcharge)
- ☐ Amendment/Response/Communication ( pgs)
- ☐ Marked-Up Claims ( pgs) ☐ Substitute Sheet(s) of Claims ( pgs)
- ☐ Extension of Time ( pgs)
- ☐ Terminal Disclaimer ( pgs)
- ☐ PCT Request Form ( pgs)
- ☐ Fee Calculation Sheet ( pgs)
- ☐ National Phase 371 Transmittal ( pgs)
- ☐ Demand for Preliminary Examination (Chapter II) ( pgs)
- ☐ Response to Written Opinion ( pgs)
- ☐ Copy of International Application, as filed (PCT/ / )
- ☐ Specification ( pgs), Claims ( pgs) & Abstract ( pgs)
- ☐ Copy of Published International Application (WO )
- ☐ Specification ( pgs), Claims ( pgs) & Abstract ( pgs)
- ☐ Copy of International Search Report ( pgs)
- ☐ Translation of Priority Application No. , filed ( certified/uncertified)
- ☐ Petition ( pgs)

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## MISCELLANEOUS

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File:

Hoffman 2/10/03

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P. 26/32

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Attorney Docket No. 12410.0016; A-7767

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Yaniv Avital et al.

Serial No.: 10/050,968

Art Unit: 2634

Confirmation No.: 7889

Filed: January 22, 2002

Examiner:

For: REDUCED COMPLEXITY CORRELATOR FOR USE IN A CODE DIVISION  
MULTIPLE ACCESS SPREAD SPECTRUM RECEIVER**INFORMATION DISCLOSURE STATEMENT**Assistant Commissioner for Patents  
Washington DC 20221

Sir:

This information disclosure statement is submitted in accordance with 37 CFR §§ 1.97 and 1.98 and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application and any other application relying on the filing date of the above-identified application or cross referencing it as a related application.

This information disclosure statement should be considered, in accordance with 37 CFR 1.97 as it is being filed:

- ☒ A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national state of the above-identified international application.
- ☐ B. Before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
- ☐ C. After (A) and (B) above but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have made the necessary statement specified in § 1.97(e) or paid the fee set forth in § 1.17(p), as indicated below.
- ☐ D. After (A), (B) and (C) above but before payment of the issue fee, and Applicants have made the necessary statement specified in § 1.97(e) and the fee set forth in § 1.17(p), as indicated below.
- ☐ Statement under 37 CFR 1.97(e): Counsel states that, upon information and belief, each item of information listed in the information disclosure statement was (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure

statement; or (b) not cited a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in § 1.56(c) more than three months prior to the filing of this information disclosure statement.

☐ The fee set forth in § 1.17(p).

In accordance with 37 CFR 1.98, this information disclosure statement includes a list (Form PTO-1449) of all patents, publications or other information submitted for consideration by the office, either incorporated herein or as an attachment hereto. A copy of each document is attached, except as explained below.

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO-1449 for the files of the prior application(s) or a fresh PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 37 CFR 1.98(d). Per 37 CFR 1.98(d) copies of these documents need not be filed in this application.


In accordance with 37 CFR §§ 1.97(g) and (h), the filing of this information disclosure statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in § 1.56(b), or that any cited document listed or attached is or constitutes prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Early and favorable consideration is earnestly solicited.

Customer Number: 25937

Respectfully submitted,

Dated: April 24, 2002

  
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## U.S. DEPARTMENT OF COMMERCE U.S. PATENT AND TRADEMARK OFFICE

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Form PTO-1449	Serial No.	10/050,968
	Filing Date	January 22, 2002
	Applicant	Yaniv Avital et al.
	Art Unit	2634
	Examiner	Not yet assigned
	Atty Docket No.	12410.0018
Sheet 1 of 1		

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Name	Class	Subclass
	1	US 5,600,856	Mar 19, 1996	Nagase et al	370	441
	2	US 5,768,306	Jun 16, 1998	Sawahashi et al	375	150
	3	US 5,991,332	Nov 23, 1999	Lomp et al	375	152
	4	US 6,173,008	Jan 9, 2001	Lee	375	148

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Country	Name	T
	1					

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Author, title, date, page(s), etc.
	1	L. Harju, M. Kuulusa, and J. Nurmi, A Flexible Rake Receiver Architecture for WCDMA Mobile Terminals, Third IEEE Signal Processing Workshop on Signal Processing Advances in Wireless Communications, March 20 - 23, 2001

Examiner Signature		Date Considered	
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